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1913

THE UNIVERSITY OF WISCONSIN

SUMMER SESSION 1913

JUNE 23 TO AUGUST 1

PRELIMINARY TIME TABLE

PRELIMINARY TIME TABLE FOR USE IN CORRELATING SECOND SEMESTER WORK AND SUMMER SESSION WORK

Courses designed primarily for undergraduates are numbered from 1 to 99; those for undergraduates and graduates, from 101 to 199; those for graduates only, from 201 on.

Three-hour courses carry one credit, five hour courses carry two credits, etc. In seminary courses and courses involving laboratory work the credit is based upon the amount of work accomplished.

Details concerning these courses and their relation to the semester courses may be obtained from the instructors. The Summer Session Bulletin will be issued in February.

Abbreviations used are: *, days or hours to be arranged or subject to change to meet wishes of class; †, additional hour to be fixed; *l*, laboratory work at hours to be assigned; (*l*), hours specified include laboratory periods.

COLLEGE OF LETTERS AND SCIENCE.

Course No.	Subject	Hour	Day	Instructor
Anatomy—(See also Clinical Medicine and Physiology.)				
101	Human Anatomy	MTWTF	9 to 5:30	Bardeen
102	Topographical Anatomy	MTWTF	9 to 5:30	Bardeen
103	Modern Lab. Methods and Research	MTWTF	9 to 5:30	Bardeen
Art—(See Fine Arts.)				
Botany—				
1	General Botany	MTWTF	8 to 10 *l*	Allen, Bartholomew
102	Morphology of Algae	MTWTF	2:30 to 4:30 (*l*)	Smith
103	Morphology of Fungi	TWTF	10 to 12 (*l*)	Denniston
104	Morphology of Seed Plants	TWTF	10 to 12 (*l*)	Allen, Smith
105	Classification of Seed Plants	MTTF	2:30 to 4:30 (*l*)	Denniston
106	Physiology of the Cell	MTWT	8 to 10 (*l*)	Allen
107	Mechanism of Inheritance	MWT	12	Allen
108	Teaching of Botany	MWF	11	Bartholomew
109	Research	*	*	.....
Chemistry—				
1	General Chemistry	MTWTF	10 *lq*	Krauskopf, Ellingson, Wollin
2	Qualitative Analysis	TT	8 *l*	Ellingson
3	Quantitative Analysis	TT	8 *l*	Lenher, Barneby
104	Advanced Quantitative Analysis	Tu	9 *l*	Lenher
105	Advanced Inorganic Chemistry	MWF	8	Lenher
6	Organic Chemistry	MTWTFS	9 *l*	Jones
107	Physical Chemistry	MTWTF	8 *l*	Mathews
108	Scientific Applications of Photograp'y	*	*	Mathews
209	Chemical Research	*	*	.....
Clinical Medicine—				
101	Physical Diagnosis	MTWTF	8	Van Valzah, Shumaker
102	Clinical Laboratory Diagnosis	MTWTF	9	
103	Minor Surgery and Bandaging	MTWTF	10	

Course No.	Subject	Hour	Day	Instructor
Education—				
1	History of Modern Education	MTWTF	10	Wells
2	Public School Hygiene	MTWTF	9	Elliott
3	Mental Development	MTWTF	8	O'Shea
104	History of American Education	MTWTF	8	Wells
105	Supervision of Instruction	MTWTF	10	Elliott
106	Social Education	MTWTF	9	O'Shea
107	Advanced Educational Psychology	MTWTF	11	Starch
8f	The School Festival, Introductory	MTWTF	11	Bassett
9f	The Festival Movement, Advanced	MTWTF	12	Dykema
English—				
	Preparatory English	MTWTF MWF	8 9	Woolley
2	Freshman English	MTWTF MWF	8 9	Gardner
3	Advanced Freshman English	MTWTF MWF	10 11	Speare
4	Advanced Composition	MTWTF	10	Cairns
5	General Survey	MTWTF MWF	10 11	Campbell, Gardner
6	Modern Novel	MTWTF	9	Dickinson
7	Victorian Era	MTWTF	8	Campbell
8	Teaching of English Composition	MTWTF	11	Woolley
9	Teaching of Literature	MTWTF	12	Bassett
110	Anglo-Saxon	MTWTF	8	Hubbard
111	Shakespere. The Tragedies	MTWTF	10	Lathrop
112	Modern Drama	MTWTF	11	Dickinson
113	American Literature	MTWTF	9	Cairns
214	Carlyle	MTWTF	9	Hubbard
215	Age of Dryden	MTWTF	11	Lathrop
Festivals—(See Education.)				
Fine Arts—				
1	History of Art, General Survey	MTWTF	9	Stevens
2	Civic Art	MTWTF	10	Stevens
Geography and Geology—				
1	Physical Geography	MTWTF	8	Martin, William
2	Commercial Geography	MTWTF	11	Williams
3	Regional Geography	MTWTF	9	Martin
4	Summer Field Course in Geography and Geology	Aug. 3 to	Aug. 30	Martin
German—				
1a	First Semester German	MTWTF	10 to 12	Purin, Aron
1b	Second Semester German	MTWTF	10 to 12	Hollander
2a	Third Semester German	MTWTF	8 to 10	Feise
2b	Fourth Semester German	MTWTF	8	Bruns
3	Sophomore Reading	MTWTF	9	Bruns
4	Prose Readings	MTWTF	10	Haertel
5	Conversation	MTWTF	8	Aron
6	Composition, Grammar Review	MTWTF	11	Roedder
7	Lessing's Prose	MTWTF	12	Haertel
108	Advanced Practice	MTWTF	11	Feise
109	Phonetics	MWF	10	Purin
110	Teaching of German	MTWTF	12	Purin
111	Germany and its Institutions	MWF	9	Haertel
112	Introductory Middle High German	MTWTF	9	Hollander
113	Novel, Second Half of 19th Century	MTWTF	8	Goodnight
114	Gothic	MWF	12	Roedder
115	Survey of Literature	MTWTF	10	Hohlfeld
216	Lyric Poetry, First Half of 19th Cent.	MWF	11	Bruns
217	Seminary in German Philology	MWF	9	Roedder
218	Seminary in German Literature	TT	11 to 1†	Hohlfeld
Greek—				
1	Elementary Greek	MTWTF	12	Smith
2	Xenophon's *Anabasis* or Homer	MWF	11	Smith
3	Greek Drama in English Translation.	TT W	11 4:30	Smith
104	Greek Drama	MWF	10	Smith

Course No.	Subject	Hour	Day	Instructor
History—				
1	Medieval History to 1095	MTWTF	10	Munro
2	General Modern English History	MTWTF	9	Dennis
3	United States History to 1830	MTWTF	8	Root
104	Medieval Civilization	MTWTF	10	Munro
105	Renaissance	MTWTF	9	Sellery
106	Recent History of the British Empire	MTWTF	8	Dennis
107	United States Diplomatic History	MTWTF	10	Fish
108	American Constitutional History	MTWTF	11	Root
109	Reading for Teachers	MTWTF	11	Chase
110	Teaching of History	MTWTF	12	Chase
211	Seminary, Medieval History	MTWTF	11	Munro
212	Seminary, United States History	MTWTF	8	Fish
Journalism—				
101	Newspaper Reporting	MTWTF	10	Bleyer
102	Writing of Special Articles	MTWTF	11	Bleyer
Latin—				
1	Beginning Latin	MTWTF	8 to 10	.....
2	Writing Latin	MWF	11	.....
3	Catullus, Tibullus and Propertius	MWF	11	Smiley
104	Roman Historians of the Empire	MWF	9	Slaughter
105	Teaching of Latin	MWF	8	Slaughter
106	Lucretius	MTWTF	10	Smiley
107	Greek and Roman Art and Architec.	TT	11†	Smiley
208	Seminary	TT	8 to 10	Slaughter
Library Training—				
1	Library Training	MTWTFS	8	Hazeltine, Carpenter, Turville
Manual Arts—				
1	Elements of Mechanical Drawing	MTWTF	1:30 to 5	Phillips
2	Elements of Mechanical Drawing	MTWTF	1:30 to 5	Maclin
3	Descriptive Geometry	MTWTF	10 1:30 to 4:30	Millar
4	Elementary Woodwork	MTWTF	8 to 11	Crawshaw, Dorrans
5	Furniture and Cabinet Design and Construction	MTWTF	1:30 to 4:30	Crawshaw, Dorrans
6	Wood Turning and Elementary Pattern Making	MTWTF	8 to 11	Chisholm
7	Advanced Pattern Making	MTWTF	1 to 4	Chisholm
8	Foundry Work	MTWTF	8 to 11	Payton, Chisholm
9	Forge Work	MTWTF	1 to 4	Schumann, Goddard
10	Machine Shop Work	MTWTF	8 to 11	Goddard, Dabney, Sladky
11	Teaching and Supervision of Manual Arts	MTWTF	11	Crawshaw
12	Industrial Education	MWF	4:30	Crawshaw
13	Art and Design	MW MTW	8 10 to 12	Grady
14	Decorative Metal	MTWTF	1:30 to 4:30	Farrell
15	Architectural Drafting	MTWTF	8 to 11	Miller
16	Architectural Construction	MTWTF	1:30 to 4:30	Miller
17	Cement and Concrete Construction	MTWTF	8 to 11	Badger
18	Wood Finishing (if desired)	S	*	.....
Mathematics—				
1	Algebra	MTWTF	12	Van Vleck
2	Solid Geometry	MTWTF	11	Hart
3	Plane Trigonometry and Logarithms	MTWTF	9	Dowling
4	Analytic Geometry	MTWTF	10	Hart
5	Calculus	MTWTF	11	Dowling
6	Theory of Complex Numbers and Algebraic Equations	MWF	11	Dresden
7	Elementary Analysis (Begins Monday, June 16)	MTWTFS	8 and 11	Burgess
8	Integral Calculus (Begins Thursday, June 19.)	MTWTFS	8 and 12	Taylor

Course No.	Subject	Hour	Day	Instructor
Mathematics—Continued.				
109	The Teaching of Secondary Mathematics	MTWTF	8	Hart
110	Differential Equations	MTWTF	8	Dresden
111	Axioms of Geometry	MWF	9	Van Vleck
112	Elemen. Theory of Transformation.	MWF	12	Burgess
113	Introduction to Higher Plane Curves	MWF	10	Dowling
214	Calculus of Variations	MTWTF	10	Dresden
215	Principal Functions of Mathematics and Physics	MTWTF	11	Van Vleck
Meteorology—				
1	Weather and Climate	MTWTF	11	Miller
Music—				
1	Musical Appreciation	MTWTF	10	Coerne
2	Public School Music, Elementary	MTWTF	9	.....
3	Public School Music, Advanced	MTWTF	11	Dykema
.....	Informal Musical Gatherings	M	7:15	Dykema
.....	Glee Clubs for Men and Women, Orchestra and Band Practice	*	*	Mann, Jones
.....	Individual Instruction in Applied Music	*	*	.....
Philosophy—				
1	Psychology	MTWTF	10	Starch
2	Introduction to Philosophy	MTWTF	9	McGilvary
3	Introductory Ethics	MWF	11	Sharp
4	Moral Education	MTWTF	8	Sharp
105	Philosophy of Bergson	MTWTF	10	McGilvary
106	Two Types of Ethical Theory	TT	11†	Sharp
Physical Education and Play—				
1	Physical Education in Elementary Schools	MTWTF	9	Ehler
2	Elements of Physical Education and Play	MTWTF	10	Ehler
3	Playgrounds	TTS	12	Meanwell
4	Secondary School Phys. Education	MWF	11	Jones
5	Scoutcraft	TTS	11	Elsom
6	First Aid to the Injured	MWF	12	Elsom
7	Physical Examination of School Children	MWF	2:30	Elsom
8	Principles of Coaching and Training.	MWF	12	Jones
9	Playground Athletics and Games for Older Boys	MTWT	2:30	Meanwell
10a	Elementary School Gymnastics	MWF	11	Carter
10b	Gymnastics for High-School and College Girls	MTWTF	12	Carter
11a	Plays and Games for the Elementary School	MTWTF	3:30	Trilling
11b	Aesthetic and Advanced Folk Dancing	MTWTF	2:30	Trilling
12a	Track and Field Events and Football	MTWTF	4:30	Jones
12b	Soccer and Basket Ball	MTWTF	3:30	Meanwell
12c	Group Games for Girls	MTWTF	4:30	Carter
13	Swimming	MWF TTS	4:30 11	Elsom and assistants
Physics—				
1	General Lectures	MTWTF	12	Snow
2	General Laboratory	*	*	Gage
3	Lectures for High School Teachers	MTWTF	5	Snow
4	Advanced Lectures on Heat or Light	MTWTF	9	Mendenhall
5	Advanced Laboratory, Heat or Light	MTWTF	10 to 12	.....
6	Advanced Lectures on Electrostatics and Magnetism	MTWTF	8	Gage
7	Advanced Laboratory, Electrostatics and Magnetism	MTWTF	2 to 4	.....
8	Modern Theories of Physical Phenomena	MWF	*	Mendenhall
209	Electricity and Magnetism	MTWTF	8	Mendenhall

Course No.	Subject	Hour	Day	Instructor
Physiology—				
1	Elements of Experimental Physiology (including teaching methods)	MTWTF TT	9 2 to 5:30	Eyster
2	Advanced Physiology and Research	*	*	Eyster
Political Economy—				
1a	Elementary Economics (part one)	MTWTF	8	Urdahl
1b	Elementary Economics (part two)	MTWTF	9	Gray
102	Public Finance	MTWTF	12	Gray
103	Money and Banking	MTWTF	10	Hess
104	Public Utilities	MTWTF	9	Hess
105	Trust Control	MTWTF	11	Urdahl
6	Accounting	MTWTF	8	Elwell
107	Social Psychology	MTWTF	11	Ross
108	Problems in Taxation	MTWTF	10	Davenport
109	Dynamics of Population	MTWTF	9	Ross
210	Economic Theory	MTWTF	8	Davenport
211	Sociological Conference	W	12	Ross
212	Economic Conference	Tu	8 P. M.	.....
Political Science—				
101	American Constitutional Law	MTWTF	11	Hall
102	The Federal Government	MTWTF	10	Hall
103	Political Internationalism	MTWTF	12	Reinsch
104	American Contributions to International Law	MTWTF	11	Reinsch
Public Speaking—				
1	Practical Public Speaking	MWF	8	Pelsma
2	Interpretative Reading. Browning	MWF	10	Johnson
3	Round Table for Teachers	Tu	1:30 to 3:30	Johnson
4	Principles and Practice	MWF MWF	8 9	Johnson
5	Ex-tempore Speaking	MWF	9	Pelsma
Romance Languages—				
1	Beginners' French	MTWTF MTWTF	8 to 10 10 to 12	Zdanowicz Ernst
2	Second Semester French	MTWTF	11	Cool
2a	Intermediate French	MTWTF	8	Schlatter
3	Advanced French	MTWTF	9	Smith
4	Grammar and Composition	MWF	12	Zdanowicz
105	French Pronunciation	TT	9†	Schlatter
106	Elementary Conversation	MTWTF	10	Lebert
106a	Intermediate French Conversation	MWF	11†	Lebert
107	Advanced Conversation	MWF	8*	Ernst
108a	Modern French Verse Drama	MWF	8	Smith
109a	Classic French Literature	MTWTF	11	Zdanowicz
110a	Contemporary French Literature	MWF	9	Ernst
111a	French Novelists	MWF	10	Schlatter
212	Old French	MWF	12	Schlatter
213	Old French Literature	MWF	11	Smith
214	Research in French	*	*	Smith
115	Elementary Italian	TT	10†	Schlatter
116	Italian Literature	*	*	Schlatter
17	Elementary Spanish	MTWTF MWF	8 9	Cool
118	Advanced Spanish	TT	9†	Cool
219	Research in Old Spanish or Spanish Literature	*	*	Cool
Zoology—				
1	Heredity and Eugenics	MTWTF	11	Guyer
2	Animal Biology	MWF	* *l*	Guyer, Fasten
3	Special Problems	*	8	Guyer, Fasten
4	Teaching of Zoology	TT	8 *l*	Guyer
5	Research	*	*	Guyer

COLLEGE OF ENGINEERING

Course No.	Subject	Hour	Day	Instructor
Electrical Engineering—				
1	Continuous Currents	MTWTF	10	Shuster
2	Testing Direct Current Dynamos	TTF	1:30 to 4:30	Shuster
3	Testing Alternating Cur. Machinery	TTF	1:30 to 4:30	Shuster
4	Theses and Special Work	TTF	1:30 to 4:30	Shuster
Hydraulic Engineering—				
1	Hydraulics	MTWTF	8	Corp
2	Hydrometry	*	*	Corp
3	Special Laboratory Work	*	*	Corp
Machine Design—				
1	Mechanism	MWF	8 to 11	Mack
2	Machine Elements	TT	1:30 to 2:30	Mack
103	Design of Complete Machines			Mack
4	Machine Design for Manual Training Teachers	MWF	11	Mack
Mechanical Drawing—				
1	Elements of Drawing I	MTWTF	1:30–5:00	Phillips
2	Elements of Drawing II	MTWTF	1:30–5:00	Maclin
3	Descriptive Geometry	MTWTF MTWTF	10 1:30–4:30	Millar
Mechanics—				
1	Statics	MTWTF MWF	8 2:30	Kommers
2	Mechanics of Materials	MTWTF	11	Kommers
3	Mechanics of Materials	MTWTF MWF	10 1:30	Maurer
4	Dynamics	MTWTF	11	Maurer
8	Research Laboratory	*	*	.....
9	Advanced Mechanics	MTWTF	9	Maurer
Shop Work—				
1	Elementary Pattern Making	MTWTF	1 to 4	Chisholm
2	Bench Work in Iron	MTWTF	1 to 4	Dabney Sladky
3	Elementary Forge Work	MTWTF	1 to 4	Schumann
4	Lathe Work in Metals	MTWTF	1 to 5	Dabney Sladky
5	Planing and Milling	MTWTF	1 to 5	Dabney Sladky
6	Tool Making	MTWTF	1 to 5	Dabney Sladky
7	General Shop Work	MTWTF	1 to 5	Dabney Sladky
8	Heat Treatment of Steel	MTWTF	1 to 5	Goddard Schumann
9	Advanced Pattern Making and Foundry Practice	MTWTF	2 to 4*	Chisholm Payton
Steam and Gas—				
1	Steam Turbines	MWF	8	Ludy
2	Gas Engines and Gas Producers	MWF	9	Ludy
3	Compressed Air	*	*	Ludy
4	Heating and Ventilating	*	*	Ludy
5	Callibration of Labora. Instruments	MW	1:30 to 5:30	Ludy
6	Refrigeration	*	*	Ludy
Topographical Engineering—				
1	Topographic Drawing and Mapping	*	*	Owen
2	Elementary Surveying I	MTWTF	(1st 2 weeks) 9	Owen
3	Elementary Surveying II	MTWTF	(1st 3½ weeks) 10 to 12	Owen
4	Advanced Surveying	MTWTF	(last 2½ weeks) 10 to 12	Owen
5	Trigonometric Survey of Devils Lake Region	June 19 to	July 18	Smith & assts.
7	Mining Survey	*	*	Owen
8	Special Course for Electrical and Mechanical Engineers	*	*	Owen

LAW SCHOOL

The Session lasts ten weeks in the Law School, beginning June 23 and ending August 29.

Course No.	Subject	Hour	Day	Instructor
	First Year			
	Contracts	*	*	Smith
	Property I	*	*	Rundell
	Second and Third Years			
	Administrative Law	*	*	Gilmore
	Carriers	*	*	Lorenzen
	Damages	*	*	Lorenzen
	Equity Pleading and Practice	*	*	Higgins
	Extraordinary Legal Remedies	*	*	McBaine
	Partnership	*	*	Rundell
	Public Service Companies	*	*	Gilmore

COLLEGE OF AGRICULTURE

Agricultural Bacteriology—

101	Agricultural Bacteriology	MWF TT	9 2:30 to 4:30	Wright
102	Laboratory	MTWTF	10 to 12	Wright

Agricultural Chemistry—

101	General Agricultural Chemistry	MTWTF TT	8 9 to 11	Peterson
102	Household Chemistry	MTWTF	10 to 12	Peterson

Agricultural Economics—

101	Agricultural Economics	MTWTF	*	Taylor

Agricultural Education—

101	Agricultural Education	MTWTF	4:30	Hatch

Agricultural Engineering—

1	General Agricultural Engineering	TT MWF	8 10 to 12	Ocock

Agronomy—

1	General Outline of Agronomy	MWF TT	8 11 to 1	Moore, Leith
102	Weed Identification and Seed Inspection	TT MWF	10 10 to 12	Stone

Animal Husbandry—

1	Elementary Live Stock Judging	TT MWF	8 11 to 1	Fuller
2	Live Stock Practice	MWF TT	9 2:30 to 4:30	Fuller

Dairy Husbandry—

1	Testing and Handling Milk	Tu F MWF	9 2:30 to 4:30	Farrington Benkendor
102	Dairy Practice	*	*	Benkendorf

Economic Entomology and Plant Pathology—

101	Economic Entomology (First three weeks)	MTWTF	2:30 to 5:30	Sanders
101a	Plant Pathology (Second three weeks)	MTWTF	2:30 to 5:30	Johnson

Farm Management—

101	Traveling Field Course	Four weeks	.....	Otis

Course No.	Subject	Hour	Day	Instructor
Home Economics—				
101	Foods	TT MTT	9 10 to 12	Matthews
102	Economic Problems of Food Supply	TT MTT	8 2:30 to 4:30	Matthews
103	Millinery	TT WF W	2:30 10 to 12 2:30 to 4:30	Mutchler
104	Hand and Machine Sewing for Teachers	MW TTF	9 8 to 10	.....
105	Art and Design	MW MTW	8 10 to 12	Grady
106	Dietaries	*	*	Marlatt
107	Humanics	*	*	Marlatt
Horticulture—				
1	Principles of Fruit Growing	MTWTF	10	Howard
2	Horticultural Practice	TT MWF	9 8–10	Howard
Poultry Husbandry—				
1	Elementary Poultry Raising	MTWTF	8	Halpin
2	Elementary Poultry Raising	MTWTF	10	Halpin
3	Poultry Judging	TT MFW	9 2:30 to 4:30	Dickson
Soils—				
101	Elementary Soils	MWF TT	11 11 to 1	Truog
102	Laboratory in Soils	MTWTF	2:30 to 4:30	Truog

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